

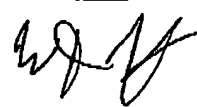
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FAX TRANSMISSION COVER SHEET

To: Patricia Booker
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Fax Number: 571-270-9871
From: Wenderoth, Lind & Ponack, L.L.P. (W. Douglas Hahn)
Date: January 24, 2007

TOTAL NUMBER OF PAGES TRANSMITTED, INCLUDING COVER SHEET 7

Message: Further to our telephone conversation regarding the Notification of Missing Requirements in application serial no. 10/573,593, please find attached the executed Declaration, along with the Second Submission that were previously submitted on September 15, 2006. The returned postcard acknowledging receipt of the executed Declaration by the USPTO mailroom is also enclosed. If you have any questions, please contact me at 202-721-8220. Thank you. 

CONFIDENTIALITY

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ATTY DOCKET #: 2006_0375A
OUR REF: 2006_0375A/WDH/01213
Applicant: Mitsuo TADA et al.
Serial No.: 10/573,593
Title: EDDY CURRENT SENSOR

Filing Date: March 24, 2006

Receipt of the following papers is acknowledged:

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 USC 371 (National stage application of PCT/JP2004/015753)
2. Executed Declaration and Power of Attorney
3. Information Disclosure Statement, PTO 1449 Form,
4. Recordation Form Cover Sheet, and Assignment
5. Check in the amount of \$170.00



Date September 15, 2006

Attorney WDH/ck

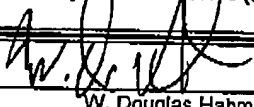
[Check No.

76205]

FORM PTD 1390 (REV. 3-93) US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER 2006_0375A
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. §371		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/573,593
International Application No. PCT/JP2004/015753	International Filing Date October 18, 2004	Priority Date Claimed October 20, 2003
Title of Invention EDDY CURRENT SENSOR		
Applicant(s) For DO/EO/US Mitsuo TADA et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. §371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. §371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. §371(c)(2)) a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. §371(c)(2)). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)). a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19. 9. <input checked="" type="checkbox"/> An <u>executed</u> oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)). Items 11. to 14. below concern other document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> Other items or information:		

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 THE COMMISSIONER IS AUTHORIZED
 TO CHARGE ANY DEFICIENCY IN THE
 FEES FOR THIS PAPER TO DEPOSIT
 ACCOUNT NO. 23-0975

U.S. APPLICATION NO. (22 USC, sec 31 CFR 1.5) 10/573,593		INTERNATIONAL APPLICATION NO. PCT/JP2004/015753		ATTORNEY'S DOCKET NO. 2006_0375A	
15. <input type="checkbox"/> The following fees are submitted				CALCULATIONS	PTO USE ONLY
				COPY	
Basic National Stage Fee \$300.00					
National Stage Search Fee (International Search Report provided - 37 CFR 1.492(b)(2)) \$400.00					
National Stage Examination Fee \$200.00					
Specification/drawings in excess of 100 pages (units of 50 x \$250.00) = \$					
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130.00	
Claims	Number Filed	Number Extra	Rate		
Total Claims	20 =		X \$50.00	\$	
Independent Claims	3 =		X \$200.00	\$	
Multiple dependent claim(s) (if applicable)				+ \$360.00	\$
TOTAL OF ABOVE CALCULATIONS =				\$130.00	
<input type="checkbox"/> Small Entity Status is hereby asserted. Above fees are reduced by 1/2.				\$	
SUBTOTAL =				\$130.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	\$
TOTAL NATIONAL FEE =				\$130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$40.00	
TOTAL FEES ENCLOSED =				\$170.00	
				Amount to be refunded	\$
				Amount to be charged	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$170.00 to cover the above fees is enclosed. A duplicate copy of this form is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 23-0975 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0975.</p>					
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>					
<p>19. CORRESPONDENCE ADDRESS</p> <p style="text-align: center; font-size: 1.2em;">CUSTOMER NO. 000513</p>			<p>By: </p> <p style="text-align: center;">W. Douglas Hahn, Registration No. 44,142</p> <p style="text-align: center;">WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone: (202) 721-8200 Fax: (202) 721-8250</p> <p style="text-align: right;">September 15, 2006</p>		

[CHECK NO. _____]

[2006_0375A]

Rev. 5/30/01

Effective March 1998

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

☐ Original ☐ Supplemental ☐ Substitute ☒ PCT ☐ Design

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

EDDY CURRENT SENSOR

of which is described and claimed in:

☐ the attached specification, or

☐ the specification in the application Serial No. _____ filed _____
and with amendments through _____ (if applicable), or

☒ the specification in International Application No. PCT/ JP2004/015753, filed October 18, 2004, and as amended on _____ (if applicable).

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, '1.56.

I hereby claim priority benefits under Title 35, United States Code, '119 (and '172 if this application is for a Design) of any application(s) for patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
Japan	2003-359938	October 20, 2003	Yes


I hereby claim the benefit under Title 35, United States Code '120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code '112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, '1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

APPLICATION SERIAL NO.	U.S. FILING DATE	STATUS: PATENTED, PENDING, ABANDONED

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Warren M. Cheek, Jr., Reg. No. 33,367; Nils Pedersen, Reg. No. 33,145; Charles R. Watts, Reg. No. 33,142; and Michael S. Huppert, Reg. No. 40,268, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., as well as any other attorneys and agents associated with Customer No. 000513, to prosecute this

application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from WATANABE & HOTTA, as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Direct Correspondence to Customer No:  000513 PATENT TRADEMARK OFFICE	Direct Telephone Calls to: WENDEROOTH, LIND & PONACK, L.L.P. 2033 K Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone: (202) 721-8200 Fax: (202) 721-8250
--	--

Full Name of First Inventor	FAMILY NAME <u>TADA</u>	FIRST GIVEN NAME <u>Mitsuo</u>	SECOND GIVEN NAME
Residence & Citizenship	CITY <u>Tokyo</u>	STATE OR COUNTRY <u>Japan</u>	COUNTRY OF CITIZENSHIP <u>Japan</u>
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Full Name of Second Inventor	FAMILY NAME <u>SUTO</u>	FIRST GIVEN NAME <u>Yasunari</u>	SECOND GIVEN NAME
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Full Name of Third Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY

Full Name of Fourth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY

Full Name of Fifth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE

COPY

Full Name of Sixth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE

Full Name of Seventh Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor Mitsuo Tada Date April 17, 2006
 2nd Inventor Yasunari Suto Date April 17, 2006
 Mitsuo TADA
 Yasunari SUTO
 3rd Inventor _____ Date _____
 4th Inventor _____ Date _____
 5th Inventor _____ Date _____
 6th Inventor _____ Date _____
 7th Inventor _____ Date _____

The above application may be more particularly identified as follows:

U.S. Application Serial No. 10/573,593 Filing Date March 24, 2006
 Applicant Reference Number _____ Atty Docket No. 2006_0375A
 Title of Invention _____